

2941 TAGTATAAAC AATGAAACAC CAGGGATTAG ATATCAATAT AATGTGCTGC CACAGGGATG
3001 GAAAGGATCA' CCAGCAATAT TCCAGAGTAG CATGACAAAA ATCTTAGAGC CCTTCAGAGC
3061 AAAAATCCA GACATAGTTA TCTATCAATA TATGGATGAC TTGTATGTAG GATCTGACTT
3121 AGAAATAGGG CAACATAGAG CAAAAATAGA AGAGTTAAGG GAACATTTAT TGAAATGGGG
3181 ATTTACAACA CCAGACAAGA AACATCAAAA AGAACCCCCA TTTCTTGGA TGGGGTATGA
3241 ACTCCATCCT GACAAATGGA CAGTACAACC TATACTGCTG CCAGAAAAGG ATAGTTGGAC
3301 TGTCATGAT ATACAGAAGT TAGTGGAAA ATAAACTGG GCAAGTCAGA TTTACCCAGG
3361 GATTAAAGTA AGGCAACTCT GTAAACTCCT CAGGGGGGCC AAAGCACTAA CAGACATAGT
3421 ACCACTAACT GAAGAACGAG AATTAGAATT GGCAGAGAAC AGGGAAATT TAAGAGAAC
3481 AGTACATGGA GTATATTATG ATCCATCAAA AGACTTGATA GCTGAAATAC AGAAACAGGG
3541 GCATGAACAA TGGACATATC AAATTTATCA AGAACCAATT AAAATCTGA AAACAGGGAA
3601 GTATGCAAAA ATGAGGACTA CCCACACTAA TGATGTAAAA CAGTTAACAG AGGCAGTGCA
3661 AAAAATAGCC ATGGAAAGCA TAGTAATATG GGGAAAGACT CCTAAATTAA GACTACCCAT
3721 CCAAAAAGAA ACATGGGAGA CATGGTGGAC AGACTATTGG CAAGCCACCT GGATCCCTGA
3781 GTGGGAGTTT GTTAATACCC CTCCCCTAGT AAAATTATGG TACCAACTAG AAAAAGATCC
3841 CATAGCAGGA GTAGAAACTT TCTATGTAGA TGGAGCAACT AATAGGAAAG CTAAAATAGG
3901 AAAAGCAGGG TATGTTACTG ACAGAGGAAG GCAGAAAATT GTTACTCTAA CTAACACAAAC
3961 AAATCAGAAG ACTGAGTTAC AAGCAATTCA GCTAGCTCTG CAGGATTCA GATCAGAACT
4021 AACATAGTA ACAGACTCAC AGTATGCATT AGGAATCATT CAAGCACAAC CAGATAAGAG
4081 TGACTCAGAG ATATTAAACC AAATAATAGA ACAGTTAATA ACAAGGAAA GAATCTACCT
4141 GTCATGGGTAA CCAGCACATA AAGGAATTGG GGGAAATGAA CAAGTAGATA ATTGAGATA
4201 TAAGGAAATT AGGAAAGTGT TGTTTCTAGA TGGAATAGAT AAAGCTCAAG AAGAGCATGA
4261 AAGGTACAC AGCAATTGGA GAGCAATGGC TAATGAGTT AATCTGCCAC CCATAGTAGC
4321 AAAAGAAATA GTAGCTAGCT GTGATAAAATG TCAGCTAAAA GGGGAAGCCA TACATGGACA
4381 AGTCGACTGT AGTCCAGGGG TATGGCAATT AGATTGTACC CATTAGAGG GAAAATCAT
4441 CCTGGTAGCA GTCCATGTAG CTAGTGGCTA CATGGAAGCA GAGGTTATCC CAGCAGAAC
4501 AGGACAAGAA ACAGCATATT TTATATTAAA ATTAGCAGGA AGATGGCCAG TCAAAGTAAT
4561 ACATACAGAC AATGGCAGTA ATTTTACCAAG TACTGCAGTT AAGGCAGCCT GTGGTGGC
4621 AGGTATCCAA CAGGAATTG GAATTCCCTA CAATCCCCAA AGTCAGGGAG TGGTAGAATC
4681 CATGAATAAA GAATTAAAGA AAATAATAGG ACAAGTAAGA GATCAAGCTG AGCACCTAA
4741 GACAGCAGTA CAAATGGCAG TATTCAATTCA CAATTTAAA AGAAAAGGGG GAATTGGGG
4801 GTACAGTGCA GGGAAAGAA TAATAGACAT AATAGCAACA GACATACAAA CTAAAGAATT
4861 ACAAAAACAA ATTATAAGAA TTCAAAATTTC TCGGGTTTAT TACAGAGACA GCAGAGACCC
4921 TATTTGGAAA GGACCAAGCCG AACTACTCTG GAAAGGTGAA GGGGTAGTAG TAATAGAAGA
4981 TAAAGGTGAC ATAAAGGTAG TACCAAGGAG GAAAGCAAAA ATCATTAGAG ATTATGGAAA
5041 ACAGATGGCA GGTGCTGATT GTGTGGCAGG TGGACAGGAT GAAGATTAGA GCATGGAATA
5101 GTTTAGTAAAC GCACCATATG TATATATCAA GGAGAGCTAG TGGATGGTC TACAGACATC
5161 ATTTTGAAAG CAGACATCCA AAAGTAAGT CAGAAGTACA TATCCCATTAA GGGGATGCTA
5221 GATTAGTAAT AAAACATAT TGGGGTTTGC AGACAGGAGA AAGAGATTGG CATTGGGTC
5281 ATGGAGTCTC CATAGAATGG AGACTGAGAG AATACAGCAC ACAAGTAGAC CCTGACCTGG
5341 CAGACCAGCT AATTACATG CATTATTTG ATTGTTTAC AGAATCTGCC ATAAGACAAG
5401 CCATATTAGG ACACATAGTT TTCTCTAGGT GTGACTATCA AGCAGGACAT AAGAAGGTAG
5461 GATCTCTGCA ATACTTGGCA CTGACAGCAT TGATAAAACC AAAAAGAGA AAGCCACCTC
5521 TGCCTAGTGT TAGAAAATTA GTAGAGGATA GATGGAACGA CCCCCAGAAG ACCAGGGGCC
5581 GCAGAGGGAA CCATACAATG AATGGACACT AGAGATTCTA GAAGAACTCA AGCAGGAAGC
5641 TGTCAGACAC TTTCCTAGAC CATGGCTCCA TAGCTTAGGA CAATATATCT ATGAAACCTA
5701 TGGGGATACT TGGACGGGAG TTGAAGCTAT AATAAGAGTA CTGCAACAAAC TACTGTTCAT
5761 TCATTTCAGA ATTGGATGCC AACATAGCAG AATAGGCATC TTGCGACAGA GAAGAGCAAG
5821 AAATGGAGCC AGTAGATCCT AACTAAAGC CCTGGAAACCA TCCAGGAAGC CAACCTAAAA
5881 CAGCTTGTAA TAATTGCTTT TGCAAACACT GTAGCTATCA TTGTCAGTT TGCTTTCAGA

FIGURE 11 CONTINUED

5941 CAAAAGGTTT AGGCATTTCC TATGGCAGGA AGAAGCGGAG ACAGCGACGA AGCGCTCCTC
 6001 CAAGTGGTGA AGATCATCAA AATCCTCTAT CAAAGCAGTA AGTACACATA GTAGATGTAA
 6061 TGGTAAGTTT AAGTTTATTT AAAGGAGTAG ATTATAGATT AGGAGTAGGA GCATTGATAG
 6121 TAGCACTAAT CATAGCAATA ATAGTGTGGA CCATAGCATA TATAGAATAT AGGAAATTGG
 6181 TAAGACAAAA GAAAATAGAC TGGTTAATTAAAGAATTAG GGAAAGAGCA GAAGACAGTG
 6241 GCAATGAGAG TGATGGGAC ACAGAAGAAT TGTCAACAAAT GGTGGATATG GGGCATCTTA
 6301 GGCTTCTGGA TGCTAATGAT TTGTAACACG GAGGACTTGT GGGTCACAGT CTACTATGGG
 6361 GTACCTGTGT GGAGAGAAGC AAAAACTACT CTATTCTGTG CATCAGATGC TAAAGCATAT
 6421 GAGACAGAAG TGCATAATGT CTGGGCTACA CATGCTTGTG TACCCACAGA CCCCACCCA
 6481 CAAGAAATAG TTTGGGAA TGTAAACAGAA AATTTTAATA TGTGGAAAAA TAACATGGCA
 6541 GATCAGATGC ATGAGGATAT AATCAGTTA TGGGATCAAA GCCTAAAGCC ATGTGTAAAG
 6601 TTGACCCAC TCTGTGTCAC TTAAACTGT ACAGATACAA ATGTTACAGG TAATAGAACT
 6661 GTTACAGGTA ATACAAATGA TACCAATATT GCAAATGCTA CATATAAGTA TGAAGAAATG
 6721 AAAAATTGCT CTTTCAATGC AACCACAGAA TTAAGAGATA AGAAACATAA AGAGTATGCA
 6781 CTCTTTATA AACTGATAT AGTACCACTT AATGAAAATA GTAAACACTT TACATATAGA
 6841 TTAATAAATT GCAATACCTC AACCATAACA CAAGCCTGTC CAAAGGTCTC TTTTGACCCG
 6901 ATTCCCTATAC ATTACTGTGC TCCAGCTGAT TATGCGATTC TAAAGTGTAA TAATAAGACA
 6961 TTCAATGGGAA CAGGACCATG TTATAATGTC AGCACAGTAC AATGTACACA TGGAATTAAG
 7021 CCAGTGGTAT CAACTCAACT ACTGTTAAAT GGTAGTCTAG CAGAAGAAGG GATAATAATT
 7081 AGATCTGAAA ATTTGACAGA GAATACCAAA ACAATAATAG TACATCTTAA TGAATCTGTA
 7141 GAGATTAAATT GTACAAGGCC CAACAATAAT ACAAGGAAAA GTGTAAGGAT AGGACCAGGA
 7201 CAAGCATTCT ATGCAACAAA TGACGTAATA GGAAACATAA GACAGCACA TTGTAACATT
 7261 AGTACAGATA GATGGAATAA AACTTTACAA CAGGTATGA AAAAATTAGG AGAGCATTTC
 7321 CCTAATAAAA CAATAAAATT TGAACCACAT GCAGGAGGGG ATCTAGAAAT TACAATGCAT
 7381 AGCTTTAATT GTAGAGGAGA ATTTTCTAT TGCAATACAT CAAACCTGTT TAATAGTACA
 7441 TACTACCCTA AGAATGGTAC ATACAAATAC AATGGTAAATT CAAGCTTACCATCACACTC
 7501 CAATGCAAA TAAAACAAAT TGACGCTAT TGGCAAGGGG TAGGACAAGC AATGTATGCC
 7561 CCTCCCATTG CAGGAAACAT AACATGTAGA TCAAACATCA CAGGAATACT ATTGACACGT
 7621 GATGGGGGAT TTAACAAACAC AAACAACGAC ACAGAGGAGA CATTACGACC TGGAGGAGGA
 7681 GATATGAGGG ATAACCTGGAG AAGTGAATTA TATAAATATA AAGTGGTAGA AATTAAAGCCA
 7741 TTGGGAATAG CACCCACTAA GGCAAAAGA AGAGTGGTGC AGAGAAAAAA AAGAGCAGTG
 7801 GGAATAGGAG CTGTGTTCTT TGGGTTCTTG GGAGCAGCAG GAAGCACTAT GGGCGCAGCG
 7861 TCAATAACGCC TGACGGTACA GGCCAGACAA CTGTTGCTG GTATAGTGCA ACAGCAAAGC
 7921 AATTGCTGA AGGCTATAGA GGCAGAACAG CATATGTTGC AACTCACAGT CTGGGGCATT
 7981 AAGCAGCTCC AGGCGAGAGT CCTGGCTATA GAAAGATACC TAAAGGATCA ACAGCTCCTA
 8041 GGGATTTGGG GCTGCTCTGG AAGACTCATC TGCAACACTG CTGTGCTTGA GAACTCCAGT
 8101 TGGAGTAATA AATCTGAAGC AGATATTG GATAACATGA CTTGGATGCA GTGGGATAGA
 8161 GAAATTAAATA ATTACACAGA AACAAATATTC AGGTTGCTTG AAGACTCGCA AAACCACGAG
 8221 GAAAAGAATG AAAAAGATTT ATTAGAATTG GACAAGTGGAA ATAATCTGTG GAATTGGTTT
 8281 GACATATCAA ACTGGCTGTG GTATATAAA ATATTCTAA TGATAGTAGG AGGCTTGATA
 8341 GGTTAAGAA TAATTGCTGC TGTCGCTCTCT ATAGTGAATA GAGTTAGGCA GGGATACTCA
 8401 CCTTTGTCAT TTCAAGACCT TACCCCAAGC CCGAGGGGAC TCGACAGGCT CGGAGGAATC
 8461 GAAGAAGAAG GTGGAGAGCA AGACAGAGAC AGATCCATAC GATGGTGAG CGGATTCTTG
 8521 TCGCTTGCC GGGACGATCT GCGGAGCCTG TGCCTCTTCA GCTACCAACCG CTTGAGAGAC
 8581 TTCATATTAA TTGCAAGTGAG GCCAGTGGAA CTTCTGGGAC ACAGCAGTCT CAGGGGACTA
 8641 CAGAGGGGGT GGGAGATCCT TAAGTATCTG GGAAGTCTTG TGCAAGTATTG GGGTCTAGAG
 8701 CTAAAAAAGA GTGCTATTAG TCCGCTTGTAT ACCATAGCAA TAGCAGTAGC TGAAGGAACA
 8761 GATAGGAGTT TAGAATTGGT ACAAAAGAATT TGTAGAGCTA TCCTCAACAT ACCTAGGAGA
 8821 ATAAGACAGG GCTTTGAAGC AGCTTTGCTA TAAAATGGGA GGCAAGTGGT CAAAACGCAG
 8881 CATAGTTGGA TGGCCTGCAG TAAGAGAAAG AATGAGAAGA ACTGAGGCCAG CAGCAGAGGG
 8941 AGTAGGAGCA GCGTCTCAAG ACTTAGATAG ACATGGGCA CTTACAAGCA GCAACACACC

FIGURE 11 CONTINUED

9001 TGCTACTAAT GAAGCTTGTG CCTGGCTGCA AGCACAAAGAG GAGGACGGAG ATGTAGGCTT
9061 TCCAGTCAGA CCTCAGGTAC CTITAAGACC AATGACTTAT AAGAGTGCAG TAGATCTCAG
9121 CTTCTTTTA AAAGAAAAGG GGGGACTGGA AGGGTTAATT TACTCTAGGA AAAGGCAAGA
9181 AATCCTTGAT TTGTGGTCT ATAACACACA AGGCTTCTTC CCTGATTGGC AAAACTACAC
9241 ATCGGGGCCA GGGGTCCGAT TCCCACGTAC CTTGGATGG TGCTTCAAGC TAGTACCAAGT
9301 TGACCCAAGG GAGGTGAAAG AGCCAATGA AGGAGAAGAC AACTGTTTGC TACACCTAT
9361 GAGCCAACAT GGAGCAGAGG ATGAAGATAG AGAAGTATTA AAGTGGAAAGT TTGACAGCCT
9421 TCTAGCACAC AGACACATGG CCCGCGAGCT ACATCCGGAG TATTACAAAG ACTGCTGACA
9481 CAGAAGGGAC TTTCCGCCTG GGACTTTCCA CTGGGGCGTT CCGGGAGGTG TGGTCTGGC
9541 GGGACTTGGG AGTGGTCACC CTCAGATGCT GCATATAAGC AGCTGTTTT CGCTTGTACT
9601 GGGTCTCTCT CGGTAGACCA GATCTGAGCC TGGGAGCTCT CTGGCTATCT AGGAAACCCA
9661 CTGCTTAGGC CTCAATAAAG CTTGCCTTGA GTGCTCTAAG TAGTGTGTGC CCATCTGTTG
9721 TGTGACTCTG GTAACTAGAG ATCCCTCAGA CCCTTTGTGG TAGTGTGGAA AATCTCTAGC
9781 A

FIGURE 11 CONTINUED

008900576 • 020504

GTAGCGGGCAAACAAAGGAGGCTTTAGATACAGGAGCAGATGATACAGTACT
AGAAGAAATAAAGTGCAGGAAAATGGAAACAAAATGATAGGAGGAATTGGA
GGTTTATCAAAGTAAGACAGTATGATCAAATACTTATAGAAATTGTGGAAAAGG
GCTATAGGTACAGTATTAGTAGGACCTACACCTGTCAACATAATTGGAAGAAATCTG
TTGACTCAGCTTGGATGCACACTAAATTCCAATTAGCCCCATTGAAACTGTACCA
GTAAAATTAAAGCCAGGAATGGATGGCCAAAGGTTAACAAATGCCATTGACAGA
AGAAAAAAATAAAGCATTAAACAGAAATTGTGAGGAAATGGAGAAGGAAGGAAAA
ATTACAAAAATTGGGCTGAAAATCCATATAACACTCCAGTATTGCCATAAAGAAG
AAGGACAGTACAAAGTGGAGAAATTAGTAGATTTCAGGGAACTCAATAAAGAAC
TCAAGACTTTGGGAAGTCCAATTAGGAATACCAACACCCAGCAGGGTAAAAAGA
AAAAATCAGTGCAGTACTGGATGTGGAGATGCATATTTCAGTCCCTTAGATG
AGAGCTTCAGAAAATATACTGCATTCAACCTAGTATAAACAAATGAAACACCA
GGGATTAGATATCAATATAATGTTCTCACAGGGATGGAAAGGATCACCAAGCAA
TATTCCAGAGTAGCATGACAAGAATCTTAGGCCCTTAGAACACAAAACCCAGAA
GTAGTTATCTATCAATATATGGATGACTTATATGTAGGATCTGACTAGAAATAGGG
CAACATAGAGCAAAATAGAGGAGTTAAGAGGACACCTATTGAAATGGGATTAC
CACACCAGACAAGAACATCAGAAAGAACCCCCATTCTTGGATGGGTATGAAC
TCCATCCTGACAAATGGACAGTACAGCCTATACAGCTGCCAGAAAGGAGAGCTGG
ACTGTCAATGATATAAGTTAGTGGAAAGTTAAACTGGCAAGTCAGATTAA
CCCAGGGATTAAAGTAAGGCAACTGTGAAACTCCTAGGGGAGCCAAGCACTAA
CAGACATAGTGCCACTGACTGAAGAACAGAATTAGAACATGGCTGAGAACAGGAA
AATTCTAAAAGAACCAAGTACATGGAGTATTATGACCCATCAAAGATTAAATAG
CTGAAATACAGAAACAGGGATGACCATATGGACATATCAAATTACCAAGAAC
ATTAAAAATCTGAGAACAGGAAAGTATGCAAAATGAGGACTGCCACACTAATG
ATGTGAAACAGTTAGCAGAGGCAGTGCAAAAGATAACCCAGGAAAGCATAAGTAA
TGGGAAAAACTCTAAATTAGACTACCCATCCAAAAGAACATGGAGACATG
GTGGTCAGACTATTGCAAGCCACCTGGATTCTGAGTGGAGTTGTCAATACCC
TCCCCTAGTAAAATTGTGGTACCAAGCTGGAAAAGAACCCATAGTAGGGGCAGAAA
CTTCTATGTAGATGGAGCAGCCAATAGGAAACTAAAATAGGAAAGCAGGGTAT
GTCACTGACAAAGGAAGGCAGAAAGTTCTTCACTGAAACAACAAATCAGAA
GAETGAATTACAAGCAATTAGCTAGCTTGCAGGATTCAAGGCCAGAAGTAAACA
TAGTAACAGACTCACAGTATGCATTAGGAATCTCAAGCACAACCAGATAAGAGT
GAATCAGAATTAGTCAGTCAAATAATAGAACAGTTGATAAAAAGGAAAAGTCTA
CCTATCATGGTACCAAGCACATAAAGGAATTGGAGGAATGAACAAGTAGACAAAT
TAGTAAGTAGTGAATCAGAAAAGTACTGTTCTAGATGGAATAGATAAAGCTCAA
GAAGAGCATAAAAATCACAGCAATTGGAGAGCAATGGCTAGTGAGTTAAATCT
GCCACCCATAGTGCAGAACAGGAAATAGTAGCCAGCTGTGATAATGTCAGCTAAAG
GGGAAGCCATGCATGGACAAGTCAGTGTAGTCCAGGAATATGGCAATTAGACTGT
ACACATTAGAAGGAAAATCATCCTAGTAGCAGTCCATGTAGCCAGTGGCTACAT
GGAAGCAGAGGTTATCCCAGCAGAAACAGGACAAGAACAGCATACTTATACTAA
AATTAGCAGGAAGATGGCCAGTCAAAGTAATACATACAGATAATGGCAGTAATTTC
ACCAGTACCGCAGTTAAGGCAGCCTGTTGGTGGGCAGATATCCAACGGGAATTGG
AATTCCCTACAATCCCCAAAGTCAAGGAGTAGTAGAATCCATGAATAAAGAATTAA

FIGURE 16 CONTINUED

AGAAAATCATAGGGCAAGTAAGAGATCAAGCTGAGCACCTAACAGACAGCAGTACAA
ATGGCAGTATTCAATTCAAAATTAAAAGAAAAGGGGGGATTGGGGGTACAGTGC
AGGGGAGAGAATAATAGACATAATAGCATCAGACATACAAACTAAAGAATTACAAA
AACAAATTATAAAAATTCAAAATTTCGGGTTATTACAGAGACAGCAGAGACCC
TTTGGAAAGGACCAGCCAAACTACTCTGGAAAGGTGAAGGGGCAGTAGTAATACAA
GATAATAGTGTATAAAGGTAGTACCAAGAAGGAAGCAAAAATCATTAAGGACTA
TGGAAAACAGATGGCAGGTGCTGATTGTGTCAGGTAGACAGGATGAAGATTAGA
ACATGGCACAGTTAGTAAAGCACCATACTATGTATGTTGAGGAGAGCTGATGGATGG
TTCTACAGACATCATTATGAAAGCAGACACCCAAAAGTAAGTTCAGAAGTACACAT
CCCATTAGGAGATGCCAGGTAGTAATAAAAACATATTGGGTCTGCAGACAGGAG
AAAGAGCTGGCATTTGGTCACGGAGTCTCCATAGAATGGAGATTGAGAAGATAT
AGCACACAAGTAGACCCTGACCTGACAGACCAACTAATTCATATGCATTATTTGAT
TGTGAGGATAGATGGAACAAAGCCCCAGAAGACCAGGGGCCAGAGGGAAACCATA
CAATGAATGGACACTAGAGCTTTAGAAGAACTCAAGCAGGAAGCTGTCAGACACT
TTCCTAGACCATGGCTCCATAACTTAGGACAACATATCTATGAAACCTATGGAGATA
CTTGGACAGGAGTTGAAGCAATAATAAGAATCCTGCAACAATTACTGTTATTCATT
TCAGGATTGGTGCATCATAGCAGAATAGGCATTGCGACAGAGAAGAGCAAGA
AATGGAGCCAATAGATCCTAACCTAGAACCCCTGGAACCATCCAGGAAGTCAGCCTA
AAACTGCTGTAATGGGTACTGTAAACGTTGCAAGCTATCATTGCTAGTTGCTT
TCAGAAAAAAAGGCTTAGGCATTACTATGGCAGGAAGAAGCGGAGACAGCGACGAA
GCGCTCCTCCAAGCAATAAAGATCATCAAGATCCTCTACCAAAGCAGTAAGTACCG
AATAGTATATGTAATGTTAGATTTAAGTCAAGAATAGATTCTAGATTAGGAATAGG
AGCATTGATAGTACACTAATCATAGCAATAATAGTGTGGACCATACTATATAG
AATATAGGAAATTGTAAGGCAAAGGAAAATAGACTGGTAGTTAAAAGGATTAGG
GAAAGAGCAGAAGACAGTGGCAATGAGAGCGAGGGGATACTGAAGAATTATCGA
CACTGGTGGATAATGGGCATCTTAGGCTTGGATGCTAATGATGTGTAATGTGAA
GGGCTTGTGGGTACAGTCTACTACGGGGTACCTGTGGGGAGAGAAGCAAAA
ACTCTATTGTGCACTGATGCTAAAGCATATGAGAAAGAAGTGCATAATGTCTG
GGCTACACATGCCGTGTACCCACAGACCCACAAGAAGTGTGATTTGGC
AATGTAACAGAAAATTAAACATGTGGAAAATGACATGGGATCAGATGCAGG
AAGATATAATCAGTTATGGGATCAAAGCCTAACGCAACTGTTAACTACAATAAC
CTCTGTGTCACTTAAACTGTACAAATGCAACTGTTAACTACAATAAC
GACATGAAAAATTGCTTTCTATGTAACCACAGAATTAAGAGATAAGAAAAAGAA
AGAAAATGCACTTTTATAGACTGTGATATAGTACCAACTAAATAATAGGAGAATGG
GAATATTAACAACATAGATTAATAAAATTGTAATACCTCAGCCATAACACAAGCCTG
TCCAAAAGTCTCGTTGACCCAATTCTACATTATTGTGTCAGCTGGTATGCG
CCTCTAAAATGTAATAATAAGAAATTCAATGGAATAGGACCATGCGATAATGTCAG
CACAGTACAATGTACACATGGAATTAAAGCCAGTGGTATCAACTCAATTACTG
TGGTAGCCTAGCAGAAGAAGAGATAATAATTAGATCTGAAAATCTGACAAACAATG
TCAAAACAATAATAGTACATCTTAATGAATCTAGAGATTAATGTACAAGACC

FIGURE 16. CONTINUED

TGGCAATAATACAAGAAAGAGTGTGAGAATAGGACCAGGACAAGCATTCTATGCA
ACAGGAGACATAATAGGAGATATAAGACAAGCACATTGTAACATTAGTAAAAATGA
ATGGAATACAACCTTACAAAGGGTAAGTCAAAATTACAAGAACTCTCCCTAATA
GTACAGGGATAAAATTGCACCACACTCAGGAGGGGACCTAGAAATTACTACACAT
AGCTTAATTGTGGAGGAGAATTCTATTGCAATACAACAGACCTGTTAATAGT
ACATACAGTAATGGTACATGCACTAATGGTACATGCATGTCTAATAATACAGAGCG
CATCACACTCCAATGCAGAATAAAACAAATTATAAACATGTGGCAGGAGGTAGGAC
GAGCAATGTATGCCCTCCATTGCAGGAAACATAACATGTAGATCAAATATTACA
GGACTACTATTAACACGTGATGGAGGAGATAATAACTGAAACAGAGACATTAG
ACCTGGAGGAGGAGACATGAGGGACAATTGGAGAAGTGAATTATAAAATACAAG
GTGGTAGAAATTAAACCATTAGGAGTAGCACCCACTGCTGCAAAAAGGAAGGTGGT
GGAGAGAGAAAAAGAGCAGTAGGAATAGGAGCTGTGTTCTGGTTCTGGAG
CAGCAGGAAGCACTATGGCGCAGCATCAATAACGCTGACGGTACAGGCCAGACAA
TTATTGCTGGTATAGTCAACAGCAAAGTAATTGCTGAGGGCTAGAGGCGCAA
CAGCATATGTTGCAACTCACGGTCTGGGCATTAAGCAGCTCCAGGCAAGAGTCCTG
GCTATAGAGAGATACTACAGGATCAACAGCTCTAGGACTGTGGGCTGCTCTGG
AAAACTCATCTGCACCCTAAATGTGCTTGGAACTCTAGTGGAGTAATAAAACTCA
AAAGTATATTGGATAACATGACCTGGATGCAGTGGATAGGAAATTAGTAATT
ACACAAACACAATATACAGGTTGTTGAAGACTCGCAAAGCCAGCAGGAAAGAAA
TGAAAAAAGATTACTAGCATTGGACAGGTGGAACAATCTGGAATTGGTTAGCAT
AACAAATTGGCTGTGGTATATAAAAATTCATAATGAATAGTAGGAGGCTTGATAG
GTTAAGAATAATTGCTGTGCTCTCTAGTAAATAGAGTTAGGCAGGGATACT
CACCTTGTCAATTGCAAGACCTTATCCAAACCCGAGGGGACCCGACAGGCTCGGA
GGAATCGAAGAAGAAGGTGGAGAGCAAGACAGCAGCAGATCCATTGATTAGTGA
GCGGATTCTGACACTTGCTGGACGACCTACGAAGCCTGTGCTCTGCTACC
ACCGATTGAGAGACTTCATATTAAATTGTAAGTGGAGAGCAGTGGAACTCTGGACAC
AGTAGTCTCAGGGGACTGCAGAGGGGGTGGGAAACCTTAAGTATTGGGAGTCT
TGTGCAATATTGGGTCTAGAGTAAAAAAGAGTGTCTATTAAATCTGCTGATACTAT
AGCAATAGCAGTAGCTGAAGGAACAGATAGGATTCTAGAATTCAACAAACCTT
GTAGAGGTATCCGCAACGTACCTAGAAGAATAAGACAGGGCTTCGAAGCAGCTTG
CAATAAAATGGGGGCAAGTGGCAAAAGCAGTATAATTGGATGCCCTGAAGTAA
GAGAAAGAATCAGACGAACTAGGTCAGCAGCAGAGGGAGTAGGATCAGCGTCTCA
AGACTTAGAGAAACATGGGCACCTACAACCAAGCAACACAGCCCACAACATGCTG
CTTGCCTGGCTGGAAAGCGCAAGAGGAGGAAGGAGAAGTAGGCTTCCAGTCAGA
CCTCAGGTACCTTAAGACCAATGACTTATAAGCAGCAATAGATCTCAGCTTCTT
TTAAAAGAAAAGGGGGACTGGAAGGGTTAATTACTCCAAGAAAAGGCAAGAGAT
CCTTGATTGTGGGTTATAACACACAAGGCTTCTCCCTGATTGGAAAACAC
ACCGGGACCAGGGTCAGATTCCACTGACCTTGGATGGTACTTCAAGCTAGAGCC
AGTCGATCCAAGGGAAAGTAGAAGAGGCCAATGAAGGAGAAAACAACGTGTTACTAC
ACCCATGAGCCAGCATGGAATGGAGGATGAAGACAGAGAAGTATTAGATGGAAG
TTGACAGTACGCTAGCACGCAGACACATGGCCCGAGCTACATCCGGAGTATTAC
AAAGACTGCTGACACAGAAGGGACTTCCGCTGGGACTTCCACTGGGGCTCCAG
GAGGTGGTCTGGCGGGACAGGGGAGGGTCAAGCCCTGAGATGCTGCATATAAG
CAGCTGCTTTCGCCTGACTGGTCTCTAGGTAGACAGATCTGAGCCGGAG

FIGURE 16 CONTINUED

CTCTCTGGCTATCTAGGGAACCCACTGCTTAAGCCTCAATAAAGCTTGCCTTGAGTG
CCTTGAGTAGTGTGTGCCGTCTGTTGTGACTCTGGTAAGAGATCCCTCAGA
CCACTTGTGGTAGTGTGGAAAATCTCTAGCA

FIGURE 16 CONTINUED